

## HUMBOLDT RIVER BASIN, MIDDLE HUMBOLDT RIVER BASIN

10324700 BOULDER CREEK NEAR DUNPHY, NV

LOCATION.--Lat 40°57'04", long 116°26'39" referenced to North American Datum of 1927, in NE ¼ SE ¼ sec. 33, T.36 N., R.49 E., Eureka County, Hydrologic Unit 16040105, on left bank, approximately 20 mi north of Dunphy.

DRAINAGE AREA.--76.7 mi<sup>2</sup>.

PERIOD OF RECORD.--February 1991 to June 1993. Seasonal (January-June) record since June 1993.

GAGE.--Water-stage recorder. Elevation of gage is 5,010 ft above National Geodetic Vertical Datum of 1929, from topographic map.

REMARKS.--No estimated daily discharges. Records fair. [See schematic diagram of Humboldt River Basin.](#)

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 440 ft<sup>3</sup>/s, January 2, 1997, gage height, 4.40 ft; no flow many days, most years.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 66 ft<sup>3</sup>/s, March 9, gage height, 3.23 ft; minimum daily discharge, 0.00 ft<sup>3</sup>/s, on many days.

DISCHARGE, CUBIC FEET PER SECOND  
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	0.00	0.00	0.21	10	7.3	0.00	---	---	---
2	---	---	---	0.00	0.00	0.24	9.1	6.6	0.00	---	---	---
3	---	---	---	0.00	0.00	0.81	8.8	5.8	0.00	---	---	---
4	---	---	---	0.00	0.00	0.48	8.4	6.2	0.00	---	---	---
5	---	---	---	0.00	0.00	0.34	7.7	6.5	0.00	---	---	---
6	---	---	---	0.00	0.00	1.5	8.6	6.4	0.00	---	---	---
7	---	---	---	0.00	0.00	12	9.3	5.1	0.00	---	---	---
8	---	---	---	0.00	0.00	21	7.7	4.7	0.00	---	---	---
9	---	---	---	0.00	0.00	32	5.8	4.5	0.00	---	---	---
10	---	---	---	0.00	0.00	48	4.5	5.1	0.00	---	---	---
11	---	---	---	0.00	0.00	46	3.5	5.3	0.00	---	---	---
12	---	---	---	0.00	0.00	44	2.9	4.6	0.00	---	---	---
13	---	---	---	0.00	0.00	43	2.6	4.1	0.00	---	---	---
14	---	---	---	0.00	0.00	46	2.3	3.5	0.00	---	---	---
15	---	---	---	0.00	0.00	45	2.0	3.1	0.00	---	---	---
16	---	---	---	0.00	0.00	42	1.9	2.7	0.00	---	---	---
17	---	---	---	0.00	0.00	40	1.9	1.6	0.00	---	---	---
18	---	---	---	0.00	10	38	1.7	0.16	0.00	---	---	---
19	---	---	---	0.00	25	39	1.8	0.24	0.00	---	---	---
20	---	---	---	0.00	20	39	1.7	0.00	0.00	---	---	---
21	---	---	---	0.00	15	37	1.7	0.00	0.00	---	---	---
22	---	---	---	0.00	13	36	0.30	1.00	0.00	---	---	---
23	---	---	---	0.00	12	31	1.5	0.04	0.00	---	---	---
24	---	---	---	0.00	7.5	25	2.8	0.00	0.00	---	---	---
25	---	---	---	0.00	3.1	23	2.7	0.00	0.00	---	---	---
26	---	---	---	0.00	3.4	20	2.9	0.00	0.00	---	---	---
27	---	---	---	0.00	0.96	17	2.4	0.00	0.00	---	---	---
28	---	---	---	0.00	0.45	15	2.1	0.00	0.00	---	---	---
29	---	---	---	0.00	0.85	13	1.6	0.00	0.00	---	---	---
30	---	---	---	0.00	---	12	4.3	0.00	0.00	---	---	---
31	---	---	---	0.00	---	11	---	0.00	---	---	---	---
TOTAL	---	---	---	0.00	111.26	778.58	124.50	84.54	0.00	---	---	---
MEAN	---	---	---	0.00	3.84	25.1	4.15	2.73	0.00	---	---	---
MAX	---	---	---	0.00	25	48	10	7.3	0.00	---	---	---
MIN	---	---	---	0.00	0.00	0.21	0.30	0.00	0.00	---	---	---
AC-FT	---	---	---	0.00	221	1,540	247	168	0.00	---	---	---

## STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1991 - 2004, BY WATER YEAR (WY)

MEAN	0.00	0.00	0.00	3.40	5.57	12.5	10.3	13.0	1.30	0.00	0.00	0.01
MAX	0.00	0.00	0.00	38.5	44.8	57.6	40.2	80.7	14.4	0.00	0.00	0.01
(WY)	(1992)	(1992)	(1992)	(1997)	(1996)	(1993)	(1998)	(1998)	(1998)	(1991)	(1991)	(1991)
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(WY)	(1992)	(1992)	(1992)	(1992)	(1991)	(1991)	(1991)	(1992)	(1992)	(1991)	(1991)	(1992)

## SUMMARY STATISTICS

## WATER YEARS 1991 - 2004

ANNUAL MEAN	0.09		
HIGHEST ANNUAL MEAN	0.09		1992
LOWEST ANNUAL MEAN	0.09		1992
HIGHEST DAILY MEAN	350	Jan	2, 1997
LOWEST DAILY MEAN	0.00	Feb	1, 1991
ANNUAL SEVEN-DAY MINIMUM	0.00	Feb	1, 1991
MAXIMUM PEAK FLOW	440	Jan	2, 1997
MAXIMUM PEAK STAGE	4.40	Jan	2, 1997
ANNUAL RUNOFF (AC-FT)	62		
10 PERCENT EXCEEDS	0.00		
50 PERCENT EXCEEDS	0.00		
90 PERCENT EXCEEDS	0.00		